AMENDMENTS TO CLAIMS

The following listing of the claims replaces all prior claim versions and listings.

1. (Currently Amended) A mobile phone apparatus comprising:

local wireless communication means for realizing a short range wireless communication system;

a memory for ~~pre-~~registering ~~the information on~~ a plurality of local wireless communication devices adapted for communication in accordance with said short range wireless communication system, said plurality of local wireless communication devices registered in said memory in accordance with a predetermined priority order, and a rank in said priority order accorded to an awaiting state of said local wireless communication means, said rank registered in said memory; ~~and~~

means for controlling said local wireless communication means to transmit a connection request to each of the local wireless communication ~~device,~~ devices registered in said memory, on ~~the occasion~~ a detection of an incoming call; and

means for determining, on the detection of the incoming call, one of the awaiting state and a device for connection from among said plurality of local wireless communication devices registered in said memory, wherein said connection request is transmitted to the determined local wireless communication device by said local wireless communication means.

2. (Canceled)

3. (Currently Amended) A mobile phone apparatus comprising:

local wireless communication means for realizing a short range wireless communication ~~system:~~;

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a memory for ~~pre~~-registering ~~the information on~~ a plurality of local wireless communication devices adapted for communication in accordance with said short range wireless communication system;

means for controlling said local wireless communication means to transmit a connection request to each of the ~~totality~~ plurality of local wireless communication devices~~,~~ registered in said memory, on ~~the occasion~~ a detection of an incoming call; and

means for determining one of an awaiting state and a device for connection from among said local wireless communication devices, each device making a connection response to said connection request, in accordance with a preset priority order.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) The mobile phone apparatus according to claim 1, further comprising means for controlling said local wireless communication means to disconnect said local wireless communication connection, when a line having established connection with said local wireless communication device ~~established~~ is disconnected.

7. (Currently Amended) The mobile phone apparatus according to claim 3, further comprising means for controlling said local wireless communication means to disconnect said local wireless communication connection, when a line having established connection with said local wireless communication device ~~established~~ is disconnected.

8. (Original) The mobile phone apparatus according to claim 2, further comprising:

means for searching near-by local wireless communication devices at a preset constant time interval; and

means for dynamically changing said priority order responsive to the search result.

9. (Original) The mobile phone apparatus according to claim 3, further comprising:

means for searching near-by local wireless communication devices at a preset constant time interval; and

means for dynamically changing said priority order responsive to the search result.

10. (Original) The mobile phone apparatus according to claim 2, further comprising:

means for retrieving use frequency of the local wireless communication devices at a preset constant time interval; and

means for dynamically changing said priority order responsive to the retrieved use frequency.

11. (Original) The mobile phone apparatus according to claim 3, further comprising:

means for retrieving use frequency of the local wireless communication devices at a preset constant time interval; and

means for dynamically changing said priority order responsive to the retrieved use frequency.

12. (Currently Amended) A mobile phone apparatus comprising:

local wireless communication means for realizing a short range wireless communication system;

means for setting said local wireless communication means to an awaiting state on the an occasion of an incoming call; and

means for controlling said local wireless communication means to perform connection processing to the local wireless communication device, on receipt of a connection request which said local wireless communication device issues, during a period of said function of local wireless communication means being in said awaiting

state.

13. (Currently Amended) A method of performing local wireless communication by a mobile phone apparatus including a function of local wireless communication for realizing a short range wireless communication system, said method comprising the steps of:

detecting an incoming call to said mobile phone apparatus; ~~and~~

transmitting, on the ~~occasion~~ detection of said incoming call, a connection request, using said function of local wireless communication, to one of ~~plural~~ a plurality of local wireless communication devices registered in a memory for pre-registering ~~the information of~~ said local wireless communication devices with which said mobile phone apparatus communicates in accordance with said short range wireless communication system, said plurality of local wireless communication devices registered in said memory in accordance with a predetermined priority order and a rank in said priority order accorded to an awaiting state of said function of local wireless communication, said rank registered in said memory;

determining on the detection of said incoming call one of the awaiting state and a local wireless communication device for connection from among the plurality of local wireless communication devices registered in said memory in accordance with a pre-set priority order; and

transmitting the connection request to the determined local wireless communication device, using said function of local wireless communication.

14. (Canceled)

15. (Currently Amended) A method of performing local wireless communication by a

mobile phone apparatus including a function of local wireless communication for realizing a short range wireless communication system, said method comprising the steps of:

detecting an incoming call to the mobile phone apparatus; and

transmitting, on the ~~occasion~~ detection of the incoming call, a connection request to each of ~~plural~~ a plurality of local wireless communication devices registered in a memory for pre-registering ~~the information of~~ said local wireless communication devices, with which said mobile phone apparatus ~~communicating~~ communicates in accordance with said short range wireless communication system; and

determining one of an awaiting state and a local wireless communication device for connection from among ~~plural~~ the plurality of local wireless communication devices, ~~each~~ said determined local wireless communication device making a connection response to said connection request, in accordance with a pre-set priority order.

16. (Canceled)

17. (Canceled)

18. (Currently Amended) The method according to claim 13, further comprising the step of:

disconnecting said local wireless communication connection when a line connection with said local wireless communication device is disconnected.

19. (Currently Amended) The method according to claim 15, further comprising the step of:

disconnecting said local wireless communication connection when a line connection with said local wireless communication device is disconnected.

20. (Currently Amended) The method according to claim ~~14~~13, further comprising the steps of:

searching near-by local wireless communication devices at a preset constant time interval; and

dynamically changing said priority order responsive to the ~~so~~ retrieved use frequency.

21. (Currently Amended) The method according to claim 15, further comprising the steps of:

searching near-by local wireless communication devices at a preset constant time interval; and

dynamically changing said priority order responsive to the ~~so~~ retrieved use frequency.

22. (Currently Amended) The method according to claim ~~14~~13, further comprising the steps of:

searching the use frequency of ~~said~~ near-by local wireless communication devices at a preset constant time interval; and

dynamically changing said priority order responsive to the ~~so~~ retrieved use frequency.

23. (Currently Amended) The method according to claim 15, further comprising the steps of:

searching the use frequency of ~~said~~ near-by local wireless communication devices at a preset constant time interval; and

dynamically changing said priority order responsive to the ~~so~~ retrieved use

frequency.

24. (Currently Amended) A method of performing local wireless communication by a mobile phone apparatus including a function of local wireless communication for realizing a short range wireless communication system, said method comprising the steps of:

detecting an incoming call to said mobile phone apparatus;

setting said function of local wireless communication to an awaiting state on the ~~occasion~~ detection of said incoming call; and

performing connection processing to ~~the~~ a local wireless communication device, using said function of local wireless communication, on receipt of a connection request which the local wireless communication device issues, during a period of said function of local wireless communication being in said awaiting state.

25. (Currently Amended) A computer program embodied on a computer readable medium for enabling a computer constituting a mobile phone apparatus including a function of local wireless communication for realizing a short range wireless communication system to execute a local wireless communication processing, said computer program comprising code segments to enable the computer to execute the steps of:

detecting an incoming call to the mobile phone apparatus; and

transmitting, on the ~~occasion~~ detection of said incoming call, using said function of local wireless communication, a connection request to one of ~~plural~~ a plurality of local wireless communication devices registered in a memory for pre-registering ~~the~~ ~~information of~~ said local wireless communication devices, with which said mobile phone

apparatus communicates in accordance with said short range wireless communication

system, said plurality of local wireless communication devices registered in said memory

in accordance with a predetermined priority order and a rank in said priority order

accorded to an awaiting state of said function of local wireless communication, said rank

registered in said memory;

determining on the detection of said incoming call one of the awaiting state and a

local wireless communication device for connection from among the plurality of local

wireless communication devices registered in said memory in accordance with a pre-set

priority order; and

transmitting the connection request to the determined local wireless

communication device, using said function of local wireless communication.

26. (Currently Amended) A computer program embodied on a computer readable

medium for enabling a computer constituting a mobile phone apparatus including a

function of local wireless communication for realizing a short range wireless

communication system to execute a local wireless communication processing, said

computer program comprising code segments to enable the computer to execute the steps

of:

detecting an incoming call to the mobile phone apparatus;

transmitting a connection request to each of plural a plurality of local wireless

communication devices registered in a memory for pre-registering the information of said

local wireless communication devices, with which said mobile phone apparatus

communicates in accordance with said short range wireless communication system on the

detection of the incoming calleall oncoming; and

determining one of an awaiting state and a local wireless communication device

for connection from among the ~~plural~~ plurality of local wireless communication devices,

~~each~~ said determined local wireless connection device making a connection response to

said connection request, in accordance with a pre-set priority order.

27. (Currently Amended) A computer program embodied on a computer readable

medium for enabling a computer constituting a mobile phone apparatus including a

function of local wireless communication for realizing a short range wireless

communication system to execute a local wireless communication processing, said

computer program comprising code segments to enable the computer to execute the steps

of:

   detecting an incoming call to said mobile phone apparatus;

   setting said function of local wireless communication to a waiting state on the

~~occasion~~ detection of said incoming call; and

   performing connection processing to the local wireless communication device,

using said function of local wireless communication, on receipt of a connection request which

the local wireless communication device issues, during a period of said function of local wireless

communication being in said waiting state.